

STATINTL

PAR 16-2
31 Mar 63

SUBJECT: 9 1/2-Inch Experimental Coating Station

TASK/PROBLEM

1. Design and build experimental equipment for study of coating problems.

DISCUSSION

2. A 9 1/2-inch wide experimental coating station was built to extend the feasibility study of viscous developers, previously reported in PAR 16-1, to cover 9 1/2-inch wide film at operating speeds up to 20 feet per minute. Experimental coatings of thickened developer have indicated that:

a. The design of the experimental 9 1/2-inch coating hopper is satisfactory.

b. At speeds up to 20 feet per minute, the geometry of the hopper retraction mechanism can give satisfactory coating starts and stops for frame by frame operation.

PLANNED ACTIVITY

3. A final report has been prepared and is in the final drafting stage. It will be submitted on/or about 15 May 64.

DECLASS REVIEW by NIMA/DOD

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